

CATALYST FOR TRIMERIZING ETHYLENE AND METHOD FOR TRIMERIZING ETHYLENE BY USING THE SAME

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Inventor: YOSHIDA OSAMU; OKADA HISANORI; YAMAMOTO
TOSHIHIDE; MURAKITA YOSHIYUKI
Applicant: TOSOH CORP
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Abstract of JP2002200429

PROBLEM TO BE SOLVED: To manufacture 1-hexene from ethylene in high yield with high selectivity.

SOLUTION: This catalyst is obtained by bringing a compound having two or more hydroxyl groups into contact with an alkyl group-containing compound to obtain a reaction product and bringing the reaction product into contact with the chromium complex shown by $ACrB_n$ (wherein n is an integer of 1-3: A is a neutral multidentate ligand having a tripodal structure; Cr is chromium atom; B is one or more selected from the group consisting of hydrogen atom, halogen atom and a straight or branched chain alkyl group).

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